

## CLAIMS

The claim:

5

1. An electrically blinking jump rope is comprised of:

1) A flexible tube of partial light transmitting material; 2) two electric connectors, where one of which is equipped with an on/off switch and both have an electric circuit board, one metal terminal for (+) electric circuit and the other metal terminal  
10 for (-) electric circuit, and each of which are pivotally connected to a rotational electric connector by a pin; 3) two electric connectors, where each has one rotating female bolt for (+) circuit and one metal pin for (-) electric circuit and both are rotationally connected to a cap of the jump rope handles; 4) two jump rope handle caps, where both are comprised of an (-) electric circuit metal ring, a male screw  
15 bolt for (+) circuits and are engaged to the jump rope handles by a screw; 5) two jump rope handles which have a cavity for receiving two 'AA' size batteries, a metal spring and a metal ribbon, one end of which forms a circle along the mouth of the handle to maintain a connection with a (-) electric circuit embedded in the jump rope handle caps of 4); and 6) an electrically blinking circuit comprised of three electric  
20 wires, a blinking connector, two sets of leads of which have a parallel connection to the diode and plurality of LEDs.

2. The electrically lighted jump rope as defined in claim 1 wherein:

The electrically blinking circuit is comprised of three electric wires: 1) one end of the

first electric wire is connected to a (-) diode terminal, on which an on/off switch is installed; 2) one end of the second electric wire is connected to a (+) diode terminal, on which a blinking connector is aligned for providing a series of connections to the leads; 3) pluralities of LEDs connecting the two electric wires; 4) and one end of the  
5 third electric wire is connected to a (+) terminal that is located behind the on/off switch. The other end of the third electric wire is connected to a (-) terminal of the other diode on which two blinking connectors are aligned in a series.

3. The electrically lighted jump rope as defined in claim 1 wherein:

10 The blinking connector is comprised of a vacuumed glass bulb and a liquid metal ball moving around the two sets of the filament leads. The two sets of filament leads are located on the opposite side in the vacuumed glass balls and are connected in parallel between a (+) terminal and a (+) electric wire on a diode providing a blinking electric circuit while the electric on/off switch on the other diode is turned on.

15

4. The electrically lighted jump rope as defined in claim 1 wherein:

The blinking connector is comprised of a vacuumed glass bulb, a metal ball moving around the two sets of the filament leads. The two sets of filament leads are located on the opposite side in the vacuumed glass balls and are connected in parallel  
20 between a (+) terminal and a (+) electric wire on a diode providing blinking electric circuit while the electric on/off switch on the other diode is turned on.